Model PRO 9232a

OWNER'S MANUAL

KEYLESS ENTRY ALARM UPGRADE MODULE

Congratulations on your purchase of the PRO 9232a automotive Keyless Entry Upgrade Alarm System. This system is a state - of - the - art auto security system that is designed to automatically arm and disarm when it receives a command from your existing Factory Keyless Entry Transmitter. Taking a few moments to read this manual will help to ensure that your vehicle is protected at all times.

NOTE:

The system has the ability to beep the vehicle's horn, sound a siren, or both. Where a beep or chirp is mentioned, consider either or both may sound.

ARMING THE SYSTEM : (ACTIVE)

1. Turn the ignition key off, exit the vehicle, and close all doors.
2. Press and release the Lock button on the keychain transmitter.
3. The siren and or horn will beep one time, the parking lamps will flash one time, and the red dash mounted LED will begin to slowly flash, indicating that the system is ARMED.

   If the siren/horn sounds 3 chirps, then you have left a door, trunk, or hood lid ajar. Simply close the opened entry point to provide full protection. If the siren "chirped" three times, sometime after arming, the exclusive delayed dome light learn circuit has been programmed and the system detected a open entry point after the learned delay expired. Again, closing the hood, trunk, or doors will correct the problem and you do not need to disarm the system to make the correction. If the siren/horn did not sound when arming, then the chirps have been turned off, and you should refer to the section titled " ELIMINATING THE ARM / DISARM CHIRPS " in this manual.
4. Any time the door lock switch in the vehicle is used to lock the doors while the ignition key is turned off, the system will immediately arm. To lock the doors after entering the vehicle, make sure the ignition key is switched on first. Turning the ignition key on first will stop the system from arming.

ARMING THE SYSTEM : (PASSIVE)

1. Turn the ignition key off, exit the vehicle, and close all doors.
2. The dash mounted LED will begin to flash rapidly, indicating that the system

is automatically (passively) arming. As an added convenience, the 30 second automatic passive arming will not begin until all doors are closed, allowing passengers to exit the vehicle at their convenience.

3. In 30 seconds, you will hear a single short chip from the siren, and the vehicle's parking lamps will flash one time, indicating that the system has ARMED. At this time, the red dash mounted LED will begin to flash slowly, providing a visual indication that the system is fully armed.

4. It is possible to program the system, that when the alarm is allowed to automatically passive arm, there will be a 15 second delay after a door is opened before the alarm will sound. However, if the system is programmed for instant trigger there will be no delay. Check with your installer for the setting of this feature.

IMPORTANT! **When the system is programmed for passive arming, the system will always arm, even when the keychain transmitter has not been used to lock the doors.**

When you leave the vehicle, and a door has been left opened, the system will arm after 10 minutes. If you plan to vacuum the car, or if service work is being performed, either leave the key in the ignition and switched to the on position, or put the system into valet mode. If you do not do this, the system will arm in 10 minutes, and you will probably inadvertently trip the alarm.

PROTECTION WHILE THE SYSTEM IS ARMED :

1. Opening any door, hood, or trunk will cause the alarm to immediately sound. The alarm will continue to sound for 30 seconds, then stop and automatically re - arm the vehicle. If the potential thief left a door opened, the alarm will sound for five more 30 second cycles, then re - arm and ignore the opened door zone.
2. Whenever the system is armed, the red dash mounted LED indicator will slowly flash. This serves as a visual deterrent to the potential thief. The LED is a very low current bulb, and will not cause the vehicle's battery to drain, even when the vehicle is left unattended for extended periods.
3. Whenever the system is triggered, the vehicle's parking lights will flash for the 30 second alarm cycle, attracting added visual attention to the vehicle.
4. Whenever the system is armed, the vehicle's starter will be disabled. The vehicle will not start.

DISARMING THE SYSTEM :

1. As you approach the vehicle, press and release the unlock button on the keychain transmitter.
2. The siren and or horn will beep two times, the parking lamps will flash two times, and the red dash mounted LED will turn off, indicating that the system is DISARMED. If the optional entry illumination feature has been

installed, the vehicle's interior lights will turn on for 30 seconds, or until the ignition key is turned on.

NOTE: If your system has been programmed for " passive arming ", then it will begin to re-arm immediately after disarming. This is indicated by a rapid flashing of the red dash mounted LED Opening one of the vehicle's doors will suspend the passive arming process until all doors have been closed, or until the ignition key has been turned on.

INTRUSION WARNING SIGNALS :

The system will inform you if an intrusion attempt has occurred while you were away from the vehicle. If an intrusion attempt has occurred, the siren and or horn will beep four times when the system is disarmed. The vehicle's parking lights will also flash three times to indicate an intrusion has occurred.

Enter the vehicle and observe the dash mounted LED for further information.

1. If the LED is flashing one time...pause...one time...pause...etc., then an intrusion attempt was made to a voltage sensing, light activated entry point, or to an optional sensor that has been connected to zone 1.
2. If the LED is flashing two times...pause...two times...pause...etc., then an intrusion attempt was made to the hood or trunk, or to an optional sensor that has been connected to zone 2.
3. If the LED is flashing three times...pause...three times...pause...etc., then an intrusion attempt was made through one of the vehicle's doors.

These intrusion warning indicators are stored in the system's memory, and will only be erased when the ignition key is turned to the " on " position.

OPERATING THE EMERGENCY PANIC:

The buttons on your keychain transmitter will allow you to immediately activate the alarm in emergency situations. To use the remote panic switch;

1. Press the unlock, then lock, then unlock buttons on your keychain transmitter within 3 seconds. The alarm will immediately sound, and continue to sound for 30 seconds.
2. To stop the alarm before the 30 second cycle has expired, simply press and release the unlock button on your keychain transmitter.

USING THE VALET SWITCH :

The valet switch allows you to temporarily bypass all alarm functions, eliminating the need to hand your transmitter to parking attendants or garage mechanics. When the system is in valet mode, all alarm functions are bypassed, however the remote panic feature and remote door locks will remain operational. To use the valet mode, the system must first be disarmed either by using your keychain transmitter, or by activating your personalized manual override code.

TO ENTER THE VALET MODE:

1. Disarm the unit by use of the factory transmitter or by use of the manual override sequence.
2. Turn the ignition switch to the “On” position.
3. Press and hold the valet/override pushbutton switch for 5 seconds. The LED turns on, indicating valet mode has been successfully entered.

TO EXIT VALET:

With the ignition switch in the on position, press and release the valet/override pushbutton switch one time. The LED turns off indicating the valet mode has successfully been exited.

MANUAL OVERRIDE OPERATION:

If your factory transmitter is lost, broken, or otherwise rendered inoperable, your system can be overridden allowing operation of the vehicle. The manual override code is pre-programmed at the factory to 11. This code can be changed by the operator to a more familiar two digit number. Once you’ve become familiar with the system’s operation and override procedure, we suggest you change the code for added security.

NOTE: The override procedure below describes use, assuming that the factory pre-set code has not been changed and is still set to the factory default 11. The valet/override push button switch is used to enter the tenths and units digits, pressing and releasing this button one time for each digit required.

To manually override your system, with a code of 11, follow the sequence listed below:

1. The LED is flashing indicating unit is armed, enter the vehicle, the siren will sound, turn the ignition switch to the “on” position.
2. Within 10 seconds begin to enter tenths digit of override code. (In this example the code is 11, so press and release the Valet/Override pushbutton one time).
3. Within 10 seconds of entering the last tenths digit, turn ignition “off then on”.
4. Within 10 seconds of turning the ignition switch on, begin to enter units digit of override code. (In this example the code is 11, so press and release the Valet/Override pushbutton one time).
5. Within 5 seconds after the last units digit is entered, turn the ignition switch off, then on, and start your vehicle.

If the manual override code is entered properly, the unit stops sounding, the LED turns off, indicating a successful override. The system is now disarmed and you can start and operate your vehicle. The unit will allow three attempts to disarm via

the manual override sequence. If the code is not successfully entered within the three attempts, disarming with the manual override switch will be locked for 10 minutes.

In many cases, to increase the security of your system, you may elect to change the manual override code to a number that is more familiar to you, or simply to have a different code than was pre-assigned from the factory. To Change the pre-assigned override code follow the steps outlined below.

It is advised you read both sections under the headings “Programming Your Custom Override Code” and, “Custom Code Programming Example”, To completely understand the procedure before beginning:

Programming Your Custom Override Code:

Unlike override switches easily found, and defeated, the PRO-9232 allows the consumer to program a personal override code, offering a higher level of security. The system comes from the factory with a pre-programmed override code of 11. To change this default override code, do the following:

1. Disarm the system by use of the transmitter, or by use of the emergency override sequence. Turn the ignition switch to the on position.
2. Within 10 seconds, press and release the valet/override switch, 3 times.
3. Within 10 seconds turn the ignition switch off, on, off, on, off, on. (The siren or horn will beep and the lights will flash one time.)
4. Within 10 seconds, begin to enter your chosen 10ths digit by pressing and releasing the pushbutton switch from 1 up to 9 times.
5. Within 10 seconds of the last entered 10ths digit, turn the ignition switch off then on.
6. Within 10 seconds, begin to enter your chosen units digit by pressing and releasing the pushbutton switch from 1 up to 9 times.
7. Finish by turning the ignition switch to the off position.

If the new code was accepted, the unit will report back the newly entered code, by flashing the LED, first indicating the 10ths digit, pause and then the units digit. The unit will report the new code three times with a one second pause between each code, then the system will begin arming. If the LED flash pattern reports the previously stored code, the new code was not entered correctly. Please repeat steps 1 through 7 above considering the following.

NOTE: Acceptable digits 10ths or units are 1 through 9. The unit will not recognize a 0 (Zero), or no digit entered in any place, units or tenths.

NOTE: If 15 seconds of inactivity expire, or if the ignition switch is turned off for more then 5 seconds during any of the above steps, the unit will revert back to the last successfully stored code.

Custom Code Programming Example:

To Change the code from the factory pre-assigned code of 11 to “52” you would do the following:

1. Disarm the system by use of the transmitter, or by use of the emergency override sequence.
2. Turn the ignition switch to the on position.
3. Within 10 seconds, press and release the valet/override switch, 3 times.
4. Within 10 seconds turn the ignition switch off, on, off, on, off, on.
   (The siren or horn will beep and the lights will flash one time.)
5. Within 10 seconds, begin to press and release the push button switch to set the tenths digit.
   (As per the example, press and release 5 times to set the tenths digit to 5)
6. Within 10 seconds of the last press of the push-button, turn the ignition switch off then on.
7. Within 10 seconds, begin to press and release the push button switch to set the units digit.
   (As per the example, press and release 2 times to set the units digit to 2).
8. Turn the ignition switch to the off position. Immediately observe the L.E.D. flash pattern.

You will note the LED flashing five times, pause, and then flash two times, pause. This pattern will be repeated three times indicating the new code (52) has been accepted and stored in memory.

NOTE: If after step 7, the LED flashes a code other than what was just entered, this indicates that the code has not been changed. You will have to repeat steps 1 through 7 above being certain to note the following:
Acceptable digits 10ths or units are 1 through 9. The unit will not recognize a 0 (Zero), or no digit entered in any place, units or tenths.

NOTE: If 15 seconds of inactivity expire, or if the ignition switch is turned off for more then 5 seconds during any of the above steps, the unit will revert back to the last successfully stored code.

ADDITIONAL REMOTE FUNCTION:

This system allows the control of any one of the following optional accessories;

Remote Car Starter
Remote Window Closure
Remote Window Open

To operate the optional accessory;

1. Press the lock, then unlock, then lock buttons on your keychain transmitter within 3 seconds.
2. The optional accessory will immediately activate.

OPTIONAL AUTO LOCK/UNLOCK FEATURE :

If your existing factory installed keyless entry system did not include the automatic door lock and unlock feature, then this feature can be activated from the PRO 9232 upgrade module. When this accessory has been added, any time the ignition key is turned to the on position *and* all vehicle doors are closed, the doors will lock in 4 seconds. Additionally, any time the ignition key is turned to the off position, the doors will unlock.

ELIMINATING THE ARM / DISARM CHIRPS :

The normal arming and disarming confirmation chirps can easily be turned off using the valet pushbutton switch. To do this;

1. Turn the ignition key on, and then off.
2. Within 10 seconds of turning the ignition key off, press and release the valet switch 3 times.
3. a. If, before proceeding with step 1, the chirps were on, then you will hear 2 chirps to indicate that the chirps have been turned off.
   b. If, before proceeding with step 1, the chirps were off, then you will hear 1 chirp to indicate that the chirps have been turned on.
4. Whenever power to the system has been disconnected (for repair or service to the vehicle), the chirps will be activated when the power is re - connected. To turn the chirps off, simply execute steps 1 through 3 above.

NOTE : Whenever the Arm/Disarm chirps are by-passed, the 3 chirp defective zone and the 4 chirp intrusion indicator will always operate. This feature will always warn you if a door was left ajar when arming, or the vehicle was tampered with in your absence.

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SYSTEM FUNCTIONS AT A GLANCE

DASH L.E.D. INDICATORS

RAPID FLASHING	PASSIVE ARMING
SLOW FLASHING	ARMED
OFF	DISARMED
ON - SOLID	VALET MODE
3 FLASH ... PAUSE	INTRUSION ZONE 3
2 FLASH ... PAUSE	INTRUSION ZONE 2
1 FLASH ... PAUSE	INTRUSION ZONE 1

CHIRP INDICATORS

1 CHIRP *	ARM
2 CHIRPS*	DISARM
3 CHIRPS	ARM / DOOR OPEN
3 CHIRPS	10 MIN. PASSIVE ARM / DOOR OPEN
4 CHIRPS	DISARM / INTRUSION
2 SHORT CHIRPS - 1 LONG CHIRP	DISARM / AFTER 10 MIN. PASSIVE ARM
4 SHORT CHIRPS - 1 LONG	DISARM / AFTER 10 MIN. PASSIVE ARM AND INTRUSION

* These chirps are optional, and can be de-activated.

PARKING LAMPS

1 FLASH	ARM
2 FLASH	DISARM
3 FLASH	DISARM / INTRUSION

Your System Has These Features Activated:

- ❑ Starter Disable When Armed
- ❑ Passive Arming
- ❑ Instant Trigger
- ❑ Remote Car Starter
- ❑ Remote Window Open
- ❑ Remote Window Closure
- ❑ Key Activated Auto Lock/Unlock
- ❑ Shock Detector
- ❑ Vehicle Horn
- ❑ Hardwire

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Form No. 128-6626